**附表1-1 课程教学设置**

| **课程**  **类别** | **课程编号** | **课程名称** | **总学时** | **学时设置** | | **学**  **分** | **考核**  **方式** | **开课学期及学时分配** | | | | | | | | **备注** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **理**  **论** | **实**  **践**  **(验)** | **一** | **二** | **三** | **四** | **五** | **六** | **七** | **八** |
| **人文社会科学类通识教育课程（必修47.5学分）** | 22000001 | 思想道德与法治(Ideological  Morality & the Rule of Law) | 56 | 40 | 16 | 3 | 考试 |  | √ |  |  |  |  |  |  | 思想政治类 |
| 22000002 | 中国近现代史纲要(A Survey of  the Chinese Modern and  Contemporary History) | 56 | 40 | 16 | 3 | 考试 | √ |  |  |  |  |  |  |  | 思想政治类 |
| 22000003 | 马克思主义基本原理(Basic Principles of Marxism) | 56 | 40 | 16 | 3 | 考试 |  |  |  | √ |  |  |  |  | 思想政治类 |
| 22000004 | 毛泽东思想和中国特色社会主义  理论体系概论(An Introduction to Mao Zedong Thought and the Theoretical System of Socialism  with Chinese Characteristics) | 56 | 40 | 16 | 3 | 考试 |  |  | √ |  |  |  |  |  | 思想政治类 |
| 22000044 | 习近平中国特色社会主义思想概论  (An Introduction to Xi Jinping  Thought on Socialism with Chinese  Characteristics for a New Era) | 56 | 40 | 16 | 3 | 考试 |  |  | √ |  |  |  |  |  | 思想政治类 |
| 22000005 | 形势与政策(Situation & Policy) | 64 | 32 | 32 | 2 | 考查 | 第1-8学期，每学期8节 | | | | | | | | 思想政治类 |
| 22000006 | 社会主义发展史(The History of Socialism Development) | 16 | 16 |  | 1 | 考查 |  |  | √ |  |  |  |  |  | 思想政治类 |
| 22000007 | 大学英语（一）(College English I) | 56 | 40 | 16 | 3 | 考试 | √ |  |  |  |  |  |  |  | 语言类 |
| 22000008 | 大学英语（二）(College English II) | 64 | 32 | 32 | 3 | 考试 |  | √ |  |  |  |  |  |  | 语言类 |
| 22000009 | 大学英语（三）(College English III) | 32 | 32 |  | 2 | 考试 |  |  | √ |  |  |  |  |  | 语言类 |
| 22000010 | 大学语文  （College Chinese） | 24 | 24 |  | 1.5 | 考查 | √ |  |  |  |  |  |  |  | 语言类 |
| 22000016 | 大学体育与健康（一）  (College Physical Education  and Health I) | 28 |  | 28 | 1 | 考查 | √ |  |  |  |  |  |  |  | 军体类 |
| 22000017 | 大学体育与健康（二）  (College Physical Education  and Health II) | 28 |  | 28 | 1 | 考查 |  | √ |  |  |  |  |  |  | 军体类 |
| 22000018 | 大学体育与健康（三）  (College Physical Education  and Health III) | 28 |  | 28 | 1 | 考查 |  |  | √ |  |  |  |  |  | 军体类 |
| 22000019 | 大学体育与健康（四）  (College Physical Education  and Health IV) | 28 |  | 28 | 1 | 考查 |  |  |  | √ |  |  |  |  | 军体类 |
| 22000020 | 军事理论（Military Theory） | 36 | 36 |  | 2 | 考查 |  | √ |  |  |  |  |  |  | 军体类 |
| 22000021 | 军事训练（Military Training） | 2周 |  | 2周 | 2 | 考查 | √ |  |  |  |  |  |  |  | 军体类 |
| 22000022 | 大学生安全教育（Safety  Education for College Students） | 24 | 8 | 16 | 1 | 考查 | 第1-8学期 | | | | | | | | 军体类 |
| 22000023 | 大学生心理健康教育（Psychological Education for College Students） | 16 | 16 |  | 1 | 考查 | √ |  |  |  |  |  |  |  | 心理与健康类 |
| 22000024 | 劳动教育（Labor Education） | 32 | 8 | 24 | 1 | 考查 | 第1-7学期 | | | | | | |  | 心理与健康类 |
| 22000025 | 双创思维开发（Thinking Development of Innovation & Entrepreneurship） | 20 | 12 | 8 | 1 | 考查 |  |  | √ |  |  |  |  |  | 创业基础与就业指导类 |
| 22000026 | 双创实务（Practice of Innovation  & Entrepreneurship） | 20 | 12 | 8 | 1 | 考查 |  |  |  | √ |  |  |  |  | 创业基础与就业指导类 |
| 22000027 | 大学生职业发展与就业指导（Career Development & Employment Guidance for College Students ） | 40 | 24 | 16 | 2 | 考查 | √ |  |  |  |  |  |  |  | 创业基础与就业指导类 |
| **合 计** | | 42.5学分 | | | | | | | | | | | | | |
| **数**  **学**  **与**  **自**  **然**  **科**  **学**  **类** | 22000012 | 大学计算机基础  （College Computer Basics） | 32 | 16 | 16 | 1.5 | 考试 | √ |  |  |  |  |  |  |  | 公共基础类 |
| 220000013 | 计算机基础A  （Computer Basics (A)） | 56 | 24 | 32 | 2.5 | 考试 |  | √ |  |  |  |  |  |  | 公共基础类 |
| 22000028 | 高等数学A（一）  （Advanced Mathematics (A) I） | 64 | 64 |  | 4 | 考试 | √ |  |  |  |  |  |  |  | 公共基础类 |
| 22000029 | 高等数学A（二）  （Advanced Mathematics (A) II） | 72 | 72 |  | 4.5 | 考试 |  | √ |  |  |  |  |  |  | 公共基础类 |
| 22000032 | 大学物理A（一）  (College Physics (A) I) | 36 | 36 |  | 2 | 考试 |  | √ |  |  |  |  |  |  | 公共基础类 |
| 22000033 | 大学物理A（二）  (College Physics (A) II) | 36 | 36 |  | 2 | 考试 |  |  | √ |  |  |  |  |  | 公共基础类 |
| 22000034 | 大学物理A实验（Experiment of College Physics (A)） | 48 |  | 48 | 1.5 | 考查 |  | √ | √ |  |  |  |  |  | 公共基础类 |
| 22121002 | 线性代数(Linear Algebra) | 32 | 32 |  | 2 | 考试 | √ |  |  |  |  |  |  |  | 专业基础类 |
| 22121003 | 复变函数与积分变换(Complex Function & Integral Transformation) | 32 | 32 |  | 2 | 考查 |  | √ |  |  |  |  |  |  | 专业基础类 |
| 22121004 | 概率论与数理统计  (Probability & Statistics) | 32 | 32 |  | 2 | 考查 |  |  | √ |  |  |  |  |  | 专业基础类 |
| 22121005 | 离散数学(Discrete Mathematics) | 32 | 32 |  | 2 | 考查 |  |  | √ |  |  |  |  |  | 专业基础类 |
| **合 计** | | | 26学分 | | | | | | | | | | | | | |
| **工**  **程**  **及**  **专**  **业**  **相**  **关**  **课**  **程** | 22121001 | 工程制图(Engineering Drawing) | 32 | 32 |  | 2 | 考查 | √ |  |  |  |  |  |  |  | 专业基础类 |
| 22121006 | 自动化技术概论(Overview of Automation Technology) | 8 | 8 |  | 0.5 | 考查 |  | √ |  |  |  |  |  |  | 专业基础类 |
| 22121007 | 电路理论(Circuit Theory) | 80 | 64 | 16 | 4.5 | 考试 |  | √ | √ |  |  |  |  |  | 专业基础类 |
| 22121008 | 模拟电子技术  (Analog Electronic Techniques) | 80 | 64 | 16 | 4.5 | 考试 |  |  | √ |  |  |  |  |  | 专业基础类 |
| 22121009 | 数字电子技术  (Digital Electronic Techniques) | 64 | 48 | 16 | 3.5 | 考试 |  |  |  | √ |  |  |  |  | 专业基础类 |
| 22121010 | C++程序设计(C++ Programming Design Basis) | 40 | 32 | 8 | 2 | 考试 |  |  |  |  | √ |  |  |  | 专业基础类 |
| 22121011 | 现代电气控制技术(Modern  Electrical Control Technology) | 40 | 32 | 8 | 2 | 考查 |  |  |  |  |  | √ |  |  | 专业基础类 |
| 22121012 | 自动化专业英语(Specialized  English for Automation) | 32 | 32 |  | 2 | 考查 |  |  |  |  |  | √ |  |  | 专业基础类 |
| 22121044 | 项目管理与经济决策（Project Management and Economic Decision） | 16 | 16 |  | 1 | 考查 |  |  |  |  |  | √ |  |  | 专业基础类 |
| 22121013 | 电机及拖动基础(Electrical  Machinery & Dragging Foundation) | 64 | 48 | 16 | 3.5 | 考试 |  |  |  | √ |  |  |  |  | 专业核心类 |
| 22121014 | 单片机原理与应用技术(Single  -chip Microcomputer Principle  & Application Technology) | 48 | 40 | 8 | 2.5 | 考试 |  |  |  | √ |  |  |  |  | 专业核心类 |
| 22121015 | 检测与传感技术(Detection &  Sensing Technology) | 40 | 32 | 8 | 2 | 考查 |  |  |  | √ |  |  |  |  | 专业核心类 |
| 22121016 | 信号与系统(Signal & System) | 48 | 40 | 8 | 2.5 | 考试 |  |  |  | √ |  |  |  |  | 专业核心类 |
| 22121017 | 自动控制原理(Automatic  Control Theory) | 56 | 48 | 8 | 3 | 考试 |  |  |  |  | √ |  |  |  | 专业核心类 |
| 22121018 | 电力电子技术(Power Electronic Technology) | 48 | 40 | 8 | 2.5 | 考试 |  |  |  |  | √ |  |  |  | 专业核心类 |
| 22121019 | 机器人技术基础(Fundamentals  of Robot Techniques) | 40 | 32 | 8 | 2 | 考查 |  |  |  |  | √ |  |  |  | 专业核心类 |
| 22121020 | 运动控制系统(Motion  Control System) | 40 | 32 | 8 | 2 | 考查 |  |  |  |  |  | √ |  |  | 专业核心类 |
| 22121021 | 计算机控制系统(Computer-  Control System) | 40 | 32 | 8 | 2 | 考试 |  |  |  |  |  | √ |  |  | 专业核心类 |
| 22121022 | 嵌入式系统及应用(Embedded Systems & Applications) | 40 | 32 | 8 | 2 | 考查 |  |  |  |  | √ |  |  |  | 专业核心类  专创融合课程 |
| 以下专业任选课所选学分应不少于6学分 | | | | | | | | | | | | | | | |
| 22121023 | 人工智能(Artificial Intelligence) | 32 | 32 |  | 2 | 考查 |  |  |  |  |  |  | √ |  | 专业选修类 |
| 22121024 | 计算机网络(Network of Computer) | 40 | 32 | 8 | 2 | 考查 |  |  |  |  |  | √ |  |  | 专业选修类 |
| 22121025 | 工厂供电(Factory Power Supply) | 40 | 32 | 8 | 2 | 考查 |  |  |  |  |  | √ |  |  | 专业选修类 |
| 22121026 | 现代控制理论  (Modern Control Theory) | 32 | 32 | 8 | 2 | 考查 |  |  |  |  |  | √ |  |  | 专业选修类 |
| 22121027 | EDA技术(EDA Technique) | 40 | 32 | 8 | 2 | 考查 |  |  |  | √ |  |  |  |  | 专业选修类 |
| 22121028 | 模式识别(Pattern Recognition) | 40 | 32 | 8 | 2 | 考查 |  |  |  |  |  | √ |  |  | 专业选修类 |
| 22121029 | 过程控制系统及应用(Process Control System & its Application) | 40 | 32 | 8 | 2 | 考查 |  |  |  |  |  | √ |  |  | 专业选修类 |
| **合 计** | | | 46+6=52学分 | | | | | | | | | | | | | |
| **工**  **程**  **实**  **践**  **与**  **毕**  **业**  **设**  **计**  **╱**  **论**  **文** | 22121030 | 金工实习(Metalworking Practice) | 1周 |  | 1周 | 1 | 考查 |  | √ |  |  |  |  |  |  | 学科基础实践 |
| 22121031 | 认识实习(Cognition Practice) | 1周 |  | 1周 | 1 | 考查 |  | √ |  |  |  |  |  |  | 学科基础实践 |
| 22121032 | C语言课程设计(C language Curriculum Design) | 1周 |  | 1周 | 1 | 考查 |  | √ |  |  |  |  |  |  | 学科基础实践 |
| 22121033 | 电子工艺实习(Electronic  Technology Practice) | 1周 |  | 1周 | 1 | 考查 |  |  | √ |  |  |  |  |  | 学科基础实践 |
| 22121034 | 虚拟仿真实习(Virtual  Practice Simulation) | 1周 |  | 1周 | 1 | 考查 |  |  |  | √ |  |  |  |  | 专业实践课程 |
| 22121035 | 电子设计制作实习(Electronic Design Training) | 2周 |  | 2周 | 2 | 考查 |  |  |  | √ |  |  |  |  | 专业实践课程 |
| 22121036 | 自动化专业课程设计(Curriculum Design of Automation Specialty) | 4周 |  | 4周 | 4 | 考查 |  |  |  |  |  |  | √ |  | 专业实践课程 |
| 22121037 | 电气控制设计及生产安装实习(Electrical Control Design, Production and Installation Practice) | 2周 |  | 2周 | 2 | 考查 |  |  |  |  | √ |  |  |  | 专业实践课程 |
| 22121038 | 生产实习(Practice of Production) | 5周 |  | 5周 | 4 | 考查 |  |  |  |  | √ |  |  |  | 专业实践课程 |
| 22121039 | 现代电气控制应用实习(Modern Electrical Control Training) | 2周 |  | 2周 | 2 | 考查 |  |  |  |  |  | √ |  |  | 专业实践课程 |
| 22121040 | 嵌入式系统开发制作实习(Development and Production Practice of Embedded Systems) | 3周 |  | 3周 | 3 | 考查 |  |  |  |  |  | √ |  |  | 专业实践课程 |
| 22121041 | 电气CAD工程设计实习(Electrical CAD Engineering Design Practice) | 2周 |  | 2周 | 2 | 考查 |  |  |  |  |  |  | √ |  | 专业实践课程 |
| 22121042 | 毕业实习(Graduation Practice) | 4周 |  | 4周 | 4 | 考查 |  |  |  |  |  |  | √ |  | 专业实践课程 |
| 22121043 | 毕业论文（设计）与答辩(Graduation Thesis (Design) & Defense) | 12周 |  | 12周 | 12 | 考查 |  |  |  |  |  |  |  | √ | 专业实践课程 |
| **合 计** | | | **40学分** | | | | | | | | | | | | | |